



The Procter & Gamble Company
P&G Household Care
Fabric & Home Care Innovation Center
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MATERIAL SAFETY DATA SHEET

MSDS #: RQ1003467
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SECTION I - PRODUCT IDENTIFICATION

Identity: Laundry Stain Remover

Finished Product

Brands: TIDE STAIN RELEASE SPRAY

Emergency Telephone Number: For Health/Safety Issues contact Cincinnati Poison Control Center: 1-800-354-9757.

* **This MSDS applies to** all uses/handling of these products in a retail package for consumer home use.

SECTION II - HAZARDS IDENTIFICATION

Potential Health Hazards (Acute and Chronic):

Ingestion: May cause transient gastrointestinal irritation.

Eye Contact: May cause mild, transient irritation.

Inhalation: Transient irritation with prolonged exposure to concentrated material.

Signs and Symptoms of Exposure:

Ingestion: May result in nausea, vomiting, and/or diarrhea

Eye Contact: May cause stinging, tearing, itching, swelling, and/or redness.

Skin Contact: Prolonged contact with concentrated material may be drying or transiently irritating to skin.

SECTION III - COMPOSITION AND INGREDIENTS

Ingredients/Chemical Name: anionic and nonionic surfactants and enzymes.

Under normal consumer use, this product would not constitute a hazardous product under OSHA Hazard Communication. With increased industrial exposure this mixture, when tested as a whole, is considered an eye and skin irritant within the meaning of the OSHA Hazard Communication Standard.

<u>Chemical Name</u>	<u>Common Name</u>	<u>CAS No.</u>	<u>Composition Range</u>	<u>LD50</u>
Linear Alkyl Benzene Sulfonic Acid, MEA Salt	LAS	68910-32-7	1-5%	1.08-1.89g/kg (oral, rat)
Alcohol Ethoxylate	Alcohol Ethoxylate	68439-50-9, 66455-14-9	7-13% 1-5%	1.4-1.6g/kg (oral, rat)

SECTION IV – FIRST AID INFORMATION

First Aid Procedures:

Ingestion: Drink a glassful of water

Eye Contact: Flush with water for 10 to 15 minutes

Skin Contact: If prolonged contact occurs, rinse thoroughly with water. If spilled on clothing, change clothes.

If symptoms persist or reoccur, seek medical attention.

Other: Consumer product package has a caution statement: “CAUTION: EYE IRRITANT. HARMFUL IF SWALLOWED. See caution on back label. MAY IRRITATE EYES. KEEP OUT OF REACH OF CHILDREN. Do not get in eyes. Do not breathe fumes. FIRST AID TREATMENT: Contains anionic and nonionic surfactants. If in eyes, rinse for 15 minutes. If breathed in, move person to fresh air. If on skin, rinse well with water. If swallowed, give a glassful of water or milk and call Poison Control Centre or doctor immediately. Do not induce vomiting. DO NOT REUSE THIS PACKAGE FOR DISPENSING BEVERAGES OR OTHER LIQUIDS.”

SECTION V - FIRE FIGHTING INFORMATION

Flash Point (Method Used): > 212°F./100°C (Closed cup)

Flammable Properties: This product has a flash point > 212°F./100°C (Closed cup). Product contains >50% water.

Upper Flammable Limit: N/A

Lower Flammable Limit: N/A

Explosive Limits: UEL:N/A LEL: N/A

Auto-ignition Temperature: N/K

Hazardous Combustion Products: N/K

Explosion Data (Sensitivity to Mechanical Impact): N/A

Explosion Data (Sensitivity to Static Discharge): N/A

Extinguishing Media: Not known

Protection of Firefighters:

Specific Hazards Arising from the Material: Not known

Protective Equipment and Precautions for Firefighters: Standard self-contained breathing apparatus (SCBA) and full fire fighting turn-out gear (Bunker gear).

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: None

Environmental Precautions: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS. Small or household quantities may be disposed of in refuse or in sewer. First check with your local water treatment plant. For larger quantities, incineration is preferred. Do not landfill.

Steps To Be Taken in Case Material is Released or Spilled: Flush small or household quantities down acceptable sewer (contains biodegradable surfactants). Prevent spills from reaching a waterway. Sorbents may be used.

SECTION VII – HANDLING AND STORAGE

Precautions To Be Taken in Handling: No unusual precautions necessary.

Other Precautions: None

SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection (Specify Type): None required with normal use.

Ventilation: *Local Exhaust:* None required with normal consumer use *Special:* None
Mechanical (General): Normal/general dilution ventilation is acceptable: *Other:* None

Eye Protection: None required with normal consumer use.

Industrial Setting: If a splash is likely, chemical goggles may be needed.

Protective Gloves: None required with normal use.

Industrial Setting: Protective gloves (rubber, neoprene) should be used for prolonged direct contact.

Other Protective Equipment: None required with normal use.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance (color, physical form, shape): Milky Liquid

Flash Point (Method Used): > 212°F./100°C. (closed cup)

Odor: Product is perfumed.

Solubility in Water: N/A

Odor Threshold: N/A

Decomposition Temperature: N/A

Physical State: Liquid

Evaporation Rate (nBuOAc=1): N/A

Vapor Pressure (mm Hg): N/A

Specific Gravity/Density: 1.0

Vapor Density (Air=1): N/A

Melting/Freezing Point: N/A

Boiling Point: N/A

Reserve Alkalinity: N/A

Partition Coefficient (n-octanol/water): N/A

pH (1% solution): 7.8

SECTION X - STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: Not known

Materials to Avoid: Not known

Hazardous Decomposition Products: None known

Possibility of Hazardous Reactions: None known

SECTION XI - TOXICOLOGICAL INFORMATION

Liquid Tide Stain Release formulas have a low order of toxicity. If ingested, it may be mildly irritating. It is expected to be moderately emetic.

LD50 (oral, estimated): >2g/kg

ED50 (emesis, estimated): ~0.5 g/kg

Chronic Effects: No chronic health effects reported.

Target Organs: No target organs reported.

Carcinogenicity: NTP: No

IARC: No

OSHA: No

SECTION XII - ECOLOGICAL INFORMATION

Based on ecotoxicity and fate data for the individual ingredients in this specific formulation, and for related consumer household cleaning products formulations, this product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment at relevant environmental concentrations.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Products covered by this MSDS, in their original form, when disposed as waste, are considered non hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state/provincial and federal regulations.

Household Use: Consumer produced household solutions may be disposed of down the drain with running water. Consumer may discard empty container in trash, or recycle where facilities exist.

SECTION XIV - TRANSPORT INFORMATION

U.S. D.O.T.: These products are not regulated when transported by ground.

IATA: These products are not regulated when transported by air.

IMDG: These products are not regulated when transported by vessel.

SECTION XV - REGULATORY INFORMATION

UNITED STATES

All intentionally-added components of this product are listed on the US TSCA Inventory.

EPA Registration Number: Not Applicable

SARA chemicals: This product does not contain any SARA 313/302/304/311/312 chemicals.

California: This product has been evaluated and does not require warning labeling under California Proposition 65. California Registration Number: N/A

State Right-to-Know and CERCLA:

The following ingredients present in the finished product are listed on state right-to-know lists or state worker exposure lists:

Ingredient	CAS#	Level	States			CERCLA RQ
Propylene Glycol	57-55-6	3-7%			PA	N/A

SECTION XVI - OTHER INFORMATION

Perfumes contained within the products covered by this MSDS comply with appropriate IFRA guidance.

P&G Hazard Rating: 2 Health: 2 4=EXTREME
Flammability: 1 3=HIGH
Reactivity: 0 2=MODERATE
1=SLIGHT
0=NOT SIGNIFICANT

*N/A. - Not Applicable

*N/K. - Not Known

Data supplied is for use only in connection with occupational safety and health.

DISCLAIMER: This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Procter & Gamble to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

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